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SOURCE As indicated

BOOST USSR TRACTOR OUTPUT:
PRODUCE GAS GENERATOR ENGINES, DEFECTIVE DIESELS

START PRODUCTION OF BELARUS' TRACTOR -- Moscow, Pravda, 15 Oct 53

Series production of the Belarus' Tractor by the Minsk Tractor Plant started at 1716 hours on 14 October 1953, when the first of the new tractors rolled off the main conveyor of tractor assembly shop No 2. A meeting was held at the plant to celebrate the start of series production of the Belarus' tractor.

IMPROVE KHTZ-7 TRACTOR -- Moscow, Izvestiya, 13 Aug 53

The Khar'kov Tractor Assembly Plant is increasing the output of the 12-horsepower KhtZ-7 garden and orchard tractor, which has five speeds ranging from 0.7 to 12 kilometers per hour. In 1953, the plant has simplified and strengthened the front axle, doubled the wear resistance of the crankshaft and connecting rods, radically changed the design of the steering mechanism, and improved the water pump design. These improvements have increased the guarantee period [period before capital repairs are needed] of the tractor from 1,500 hours to 2,000 hours. The guarantee period of the undercarriage has been increased from 2,000 hours to 2,500 hours. In some MTS, KhtZ-7 tractors have operated 7,000 to 8,000 hours without capital repairs.

In 1952, the plant accumulated 10 million rubles above the plan by reducing the production cost of the KhtZ-7 tractor and produced 600 tractors above the plan. In the first 6 months of 1953, the plant has produced 100 tractors above the plan. Plant director I. Medvedev, chief engineer S. Serikov, and chief designer K. Katsevich were awarded Stalin Prizes for their part in developing the KhtZ-7 tractor.

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PRODUCES ABOVE-PLAN TRACTORS, WASTES METAL -- Moscow, Trud, 23 Aug 53

Today, the Khar'kov Tractor Plant shipped a large group of above-plan garden-and-orchard tractors for agricultural purposes. The plant fulfilled its plan for the first 8 months of 1953 ahead of schedule and produced hundreds of tractors above plan, showed 64 percent more profit than it did in 1952, and saved more than 1.2 million rubles above the plan.

Moscow, Trud, 1 Aug 53

In 1952, the Khar'kov Tractor Plant used 98 kilograms more metal to make each DT-54 tractor than the Stalingrad Tractor Plant.

POSTWAR TRACTOR OUTPUT IN USSR -- Rome, Notizie Sovietiche, 15 Jun 53

Between 1946 and 1952, the USSR produced 804,000 (in terms of 15-horsepower units) new agricultural tractors.

GB-58 GAS GENERATOR TRACTOR -- Moscow, Komsomol'skaya Pravda, 16 Aug 53

The GB-58 gas generator tractor produced by the Stalingrad Tractor Plant develops 50 horsepower, slightly less than the DT-54 tractor on which it is modeled. However, by reducing the tractor's speeds by 6 percent, the designers succeeded in giving the GB-58 the same tractive power as the DT-54.

An ordinary 50-horsepower tractor consumes 15 to 20 tons of diesel fuel during the agricultural season, while the GB-58 operates on wood and peat briquettes.

ASK BETTER VEHICLE, TRACTOR REPAIR -- Petrozavodsk, Leninskoye Znamya, 13 Aug 53

The Petrozavodsk Motor Vehicle Repair Plant (director, Ksenofontov) often turns out repaired motor vehicles with defective transmissions, improperly lined bearings, and other serious defects.

The Petrozavodsk Omega Machine Building Plant (director, Grackev) is doing low quality repair work on gas generator skidding tractors.

Because of the poor repair work done by these two plants, timber industry enterprises must spend their own time in correcting defects in vehicles.

TEST WOOD-OPERATED POWER STATIONS -- Moscow, Za Ekonomiyu Materialov, Feb 53

In 1953, the NAMI-57SD stationary gas-generator unit successfully passed tests given by the timber industry. This unit will be used to supply gas for the PES-12 mobile generator, which now uses gasoline for fuel. Use of these gas-generator units in the timber industry will make possible a savings of 30 tons of gasoline per generator per year.

HIGH REJECT RATE AT DIESEL PLANT -- Moscow, izvestiya, 15 Aug 53

The Gor'kiy Dvigatel' Revolyutsii Plant (Maslennikov, director) is operating sporadically, and the reject rate in the foundry is far too high. In 1952, the plant lost several million rubles because of rejects. Recently, the plant started to improve the work of the foundry. More than 47 type designations of parts are now machine-molded, and efforts are being made to improve the quality of castings.

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V-4U-66 STATIONARY DIESEL -- Moscow, Energetik, Aug 53

Various enterprises are equipped with V-4U-66 diesels made by the Gor'kiy Dvigatel' Revolyutsii Plant. These engines have the following specifications: 400 horsepower at 187 rpm; weight, 60 tons on a common shaft with a 300-kilowatt generator; A-shaped frame; crankshaft which rests on five supports and a support bearing; journal diameter, 200 millimeters; compressor-type engine.

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